

## MOVING COIL TYPE PLANAR MOTOR CONTROL

### Abstract

5 A control system for a moving coil type planar motor is disclosed that  
operates with a commutation circuit requiring a decreased number of amplifiers as  
compared to moving magnet type planar motors. The control system permits positioning  
with three degrees of freedom. Motor force and torque ripple during translational forces  
and yaw torque is minimized by the control system.

10

15

20

25

30

35